

## OPERATION ANNEX A

### Scenario Details

**Scenario 1: Building Collapse**  
**08 JUN 04, 1100 hrs**  
**25 Victims**

Time	Exercise Play	Objectives	US Personnel	Ukraine Personnel	Logistics
-4:00	Preparation of Victims Depart Yavoriv @ 0700 hrs	Moulage and place 25 Victims	Civ Moulage (3) Mil Moulage (6) CA-4 (5)		Moulage Kits 1 RW Med Kit
	Begin Coordination of Initial Activity	Ensure Preparation of Site	Dep IC (2) US&R (12) 129RQW (6) PreHosp (12) MilMat/PH (4) MilMat/Med T-1 (8)		Triage Tarps 1 RW Med Kit
	Initial Attack: Arrival of Air Resources	Survey, Priority Setting and Initiate Search, Secure site, Designate Hazards - - Tape			
	Survey and Initiate Search	Locate Victims and Initiate Rescue			
	ICP Reporting to CMOC	Communication, Request Logistic Support, Command and Control			
	Continue Rescue	Illustrate Technique and Technology for Breaching, Shoring, Extraction, Recovery of Victims			

	Carry to Triage Area				
	Medical Triage	Integration of Initial Medical Response and Triage	DMAT CA-6 (5) DMAT CA-11 (5) DMAT CA-1 (5) MiIMat/Med T-2 (7) AELT (3)		
	Medical Stabilization	Initial Treatment and Package for Transport			
	Medical Transport				
	Medical Treatment	Treatment at TX Tent			
	"Tag" Searched Structures	Building Marking Schemes			
	Demobilization				

**Scenario 2: Multiple Building Collapse**  
**08 JUN 04, 1200 hrs**  
**15 Victims**

Time	Play	Objectives	US Personnel	Personnel (Ukraine/US)	Logistics
0000 - 0010	Initial Attack: Arrival of Air Resources	Survey, Priority Setting and Initiate Search, Secure site, Designate Hazards -- Tape	129RQW (6)	3 ParaJumpers Rappel Team	Helicopters (2) Communications (20 HT, 1 base), Ground Support, Safety and Real Time Medical/Rescue, Yellow Tape, Minivans (2)
0010 - 0015	Survey and Initiate Search	Locate Victims and Initiate Rescue		PJs (7), Rappel (12) and Ground Teams: K-9 (3) Teams, Thermal Imaging Teams (1),	K-9 Teams, Equipment, (Thermal Imaging, Search-Cams), Equipment Staging Area
0020 - 0025	ICP Reporting to CMOC	Communication, Request Logistic Support, Command and Control		ICP Team (5)	ICP Shelter, Displays, HT (40) and IT Com to CMOC(1/site)
0015 - 0040	Continue Rescue	Illustrate Technique and Technology for Breaching, Shoring, Extraction, Recovery of Victims	US&R (12)	Ukraine, US (12) and GUUAM Teams (52), Technical Specialists???	Search Cam, Thermal Imaging cam, Heavy Breaking, Breaching, Lifting Equipment, Power Saws, Lumber for Shoring and Cribbing, Rescue Baskets, Rope Rescue equip,
	Carry to Triage Area				Baskets, Litters
0020 - 0040	Medical Triage	Integration of Initial Medical Response and Triage	Pre-Hosp (12) MilMat (8)	Medical Support 3 Ambulance Brigades of 3 people each = 9 people	Triage Location, Triage Tags, Casualty Collection Point (CCP), Colored Triage Tarps,

0030 - 0050	Medical Stabilization	Initial Treatment and Package for Transport	Pre-Hosp (12) MilMat (8)		
	Medical Transport			Medical Support 3 rescue/ambulance	Helicopters, Ground Vehicles
	Medical Treatment	Treatment at TX Tent	DMAT (15) MilMat (15)	UA NDMS (15)	
0060	"Tag" Searched Structures	Building Marking Schemes			Spray Paint (Florescent Orange)
0060	Demobilization				

**Scenario 4:**  
**White Substance Release, Hazardous Operations**  
**08 JUN 04, 1430 hrs**  
**5 Victims**  
**5 Exposed Rescuers**

Time	Exercise Play	Objectives	US Personnel	Ukraine Personnel	Logistics
0000 - 0015	1 AC - 40 Fire Engine arrival				
0015 - 0035	Victim Removal White Substance mitigation		NMRT (8)	Haz Mat squad Level B Entry (Ukrainian) (10) 2 GRD – 2000 Tanker Truck (6)	NMRT 8 Personnel Haz Mat squad (10) 2 GRD – 2000 Tanker Truck (6)
0035 - 0050	Decontamination of victims	Gross Decon of victims with fire engine		2 squads level B Entry	2 Haz Mat squad (10) NMRT (8) Level B
0050 - 0060	GRD- 2000 Personnel White Substance mitigation			Decon of Rescuers	GRD- 2000 Personnel USA Triage
		Prehospital Care Triage Transport			

### Equipment Needs

	UKRAINIAN		USA
2	GRD – 2000 Tanker Trucks	1	Water Source for Decontamination
1	AC 40 Fire Engines	3	Containment Pools for Decontamination (Baby Pools)
16	Level B Chemical Splash Suits	1	Containment Canister for deconed equipment
6	Canister Respirator	8	Level B Tyvex
10	SCBA with masks	8	SCBA with masks
10	Flashing Caution Barricade Lamp	10	Portable Handheld Radios
13	Kenwood Handheld Portable Radios	10	Decon Brushes
1	Hudson Sprayers	8	Kenwood Handheld Portable Radios
1	Containment Containers	1	Potable Recovery Bladder with hoses
1	Binoculars		
1	4 gas air monitor		
2	Rolls "Ukrainian" Caution Tape		
25	3 ft Traffic Cones		

### Hazardous Materials White Substance Discovery (5 Victims)

#### Ukrainian:

##### Incident Commander

##### First Responder (05) (AC-40)

- Identify Hazmat Situation
- Identify Hazardous Material
- Deny Entry into Area
- Set-up Hot, Warm, Cold Zones

##### Hazardous Materials Mitigation (GRD – 2000)

- Hazardous Materials Team
  - Containment / Mitigation of White Substance
- Level B suits

#### American:

##### NMRT

- Hazardous Material Decontamination
  - Decontamination Tent
- Victim Transfer to Prehospital

- Minor (Green)
- Delayed (yellow)
- Immediate (red)
- Deceased (black)

#### DMAT/MILMAT

##### Victim Treatment

- Minor (Green)
- Delayed (yellow)
- Immediate (red)
- Deceased (black)

Pre Hospital conducts Triage.

#### HAZARDOUS MATERIALS RESOURCES

- First Responders (Ukrainian)
  - 1 Fire Engine with 5 firefighters with proper protective equipment (structural firefighting turnouts)
    - Each engine has communication capabilities in engine
    - 5 portable radios are needed
    - 5 breathing apparatus will be provided and air filling capabilities
- Hazardous Materials Team
  - 2 HAZMAT squads with 5 personnel each
    - 1 squad of 5 rescuers will contain the White Substance in level B
    - 1 squad of Haz Mat Rescuers in Tyvek level B with Breathing apparatus will evacuate rescue victims to decontamination area
  - 5 minutes after first call Haz Mat team arrival on to the scene
  - After arrival to full capability 10 minutes level A

Ukraine

Firefighting request

- 5 Caution Tape (Ukrainian wording)
- 25 3 ft traffic cones
- 10 Flashing caution barricade lamp with stands
- 13 Kenwood Handheld Portable radios with chargers and European plugs

Hazardous Materials request

- 3 Decontamination baby pools
- 1 Decon shower / tent with rollers
- 2 Hudson sprayer
- 9 Brushes
- 2 Buckets 2 gallons
- 2 Containment containers
- 2 Binoculars
- 8 Class B Tyvek with hood
- 1 4 gas air monitors



**Scenario 5:**  
**Structure Fire**  
**08 JUN 04, 1530 hrs**  
**15 victims**

Time	Exercise Play	Objectives	US Personnel	Ukraine Personnel	Logistics
0000 - 0010	1. Arrival of fire units 2. Set up field command post 3. Identify the fire situation 4. Dispatch US&R teams	Communication with CMOC	Civ Moulage (3) Mil Moulage (5) DMAT CA-1 (5) DMAT CA-4 (5) RW Med (3) US&R (12) EMS Pre-Hosp (12) MilMat/PH (4) MilMat/Med T-1 (8) MilMat/Med T-2 (7) AELT (3)		17 Ukrainian firefighting apparatus, trucks/engines
0010 - 0020	Fire Suppression w/ victim extrication				
0020 - 0060	US&R Operation w/ victim extrication Declare MCI Dispatch EMS				
	Triage and Treatment	Set up casualty collection point			

Equipment required:

- 95 Turnouts. (Ukraine firefighters)
- 95 SCBA (Ukraine firefighters)
- 1 Air compressor to refill SCBA (Ukraine firefighters)
- 12 Full PPE for structural fire and US&R (American)
- 1 Thermal image camera
- 1 CO2 level detector
- Extrication equipment
- Breaking and breaching tools
- Stretchers/litters/backboards
- Rescue baskets
- 12 Half/full mask cartridge respirator with p100 filters
- 1 Jaws of Life
- 2 Airbag set

Manpower projected:

- 95 Firefighters
- 6 American US&R
- 6 Ukraine US&R
- EMS (See Medical Operations Appendix)

Transportation

- 3 Special Ops Military Vehicles
- 5 Ambulances
- 1 minivan for US&R
- 17 firefighting apparatus, trucks/engines
- Cargo trucks to move US&R equipment

Radio and computer support:

- 4 radios:
- 1 radio per team leader
- 1 radio for US&R leader

**Scenario 6:**  
**Hazardous Materials Train Derailment & Chlorine Release**  
**09 JUN 04, 0930 hrs**

Time	Exercise Play	Objectives	US Personnel	Ukraine Personnel	Logistics

TIMELINE	UKRAINIAN	USA	AZERBAIJAN	Firefighting	Haz Mat	Logistics
0000 - 0010	1 Fire Train 9 Fire Engines	NMRT / DMAT		Water curtain protection for HAZ MAT Team (45)		
0010 - 0015	3 Hazardous Materials squad (15)		1 Hazardous Materials squad (5)			
0015 – 0025					3 squads level B Entry (15) Victim Removal 1 squad level A (5) Chlorine mitigation	
0025 - 0040		Gross Decontamination of victims (8)				
0040 - 0060	Prehospital care	Prehospital care				30 USA

Overall Event

Personnel Requirements

<b>Equipment</b>			
		1	Water Source for Decontamination
25	Level B Tyvek	3	Containment Pools for Decontamination
2	Level A Full Entry	1	Roll Bar Table System
5	Task Force Tip Nozzels	8	Level B Tyvex
5	SCBA with masks	8	SCBA with masks
15	Rolls "Ukrainian" Caution Tape	10	Spine Boards
10	Flashing Caution Barricade Lamp	10	Portable Handheld Radios
45	Kenwood Handheld Portable Radios	10	Decon Brushes
2	Hudson Sprayers	8	Kenwood Handheld Portable Radios
2	Containment Containers	1	Potable Recovery Bladder with hoses
2	Binoculars		AZERBAIJAN
2	4 gas air monitors	5	Level B Tyvek
25	HAZ MAT Absorbent roll	5	SCBA with masks
1	DDA – 66 Decon Truck	5	Kenwood Handheld Portable Radios
1	PNS – Pump Truck		
1	ASO – Communication / Lights Truck		
7	AC 40 Fire Engines		
1	Fire Train		

## Requirements

Hazardous Materials Train Derailment with Chlorine Release  
20 Victims

Ukrainian / Azerbaijan:

Incident Commander

First Responder (30) with 15 more 2<sup>nd</sup> alarm

- Identify Hazmat Situation
- Identify Hazardous Material
- Deny Entry into Area
- Set-up Hot, Warm, Cold Zones

Hazardous Materials Mitigation

- Hazardous Materials Team
  - Containment of Chlorine (CL) leak
- Level A suits
- Level B suits

American:

NMRT

- Hazardous Material Identification
- Hazardous Material Decontamination
  - Decontamination Tent
  - Haz Cat
- Victim Transfer to Prehospital

Prehospital

Victim Triage

- Minor (Green)
- Delayed (yellow)
- Immediate (red)
- Deceased (black)

DMAT/MILMAT

Victim Treatment

- Minor (Green)
- Delayed (yellow)
- Immediate (red)

- Deceased (black)

## HAZARDOUS MATERIALS RESOURCES

- First Responders (Ukrainian / Azerbaijan)
  - 1 Fire Train with foam and water capabilities
    - Train will be drafting water from lake
    - Resources from train will be provided from Ukraine
  - 9 Fire Engines with 30 firefighters with proper protective equipment (structural firefighting turnouts)
    - 25 PPE (needed to purchase)
    - Each engine has communication capabilities in engine
    - 25 portable radios are needed
    - 30 breathing apparatus will be provided and air filling capabilities
  - Fire engines with tank water capabilities for fire fight
  - 10 minutes from arrival full capabilities will be deploying a water curtain for protection and fire fight of Chlorine leak
    - Fire engines will be drafting from the lake for the water curtain
- Hazardous Materials Team
  - 4 HAZMAT squads with 5 personnel each
    - 1 squad of 5 rescuers will contain the Chlorine leak in level A
    - 3 squads of Haz Mat Rescuers in Tyvek level B with Breathing apparatus will evacuate victims to decontamination area
  - 5 minutes after first call Haz Mat team arrival on to the scene
  - After arrival to full capability 10 minutes level A

## Ukraine

### Firefighting request

25	Firefighting turnouts
5	Handheld "Task Force Tip" Nozzles 51mm or 66mm orifice
1	Ground Monitor with chain and stakes
15	Rolls Caution Tape (Ukrainian wording)
50	3 ft traffic cones
11	Flashing caution barricade lamp with stands
45	Kenwood Handheld Portable radios with chargers and European plugs

Hazardous Materials request

- 4 Decontamination baby pools
- 1 Decon shower / tent with rollers
  - 3 Hudson sprayer
  - 10 Brushes
  - 2 Buckets 2 gallons
  - 2 Containment containers
  - 3 Binoculars
  - 25 Class B Tyvek with hood
  - 2 Hazardous Material level A entry
  - 2 Roll HAZ MAT red bags
  - 3 4 gas air monitors
- 25 Haz Mat "Pig" rolls

**Scenario 7:**  
**Field Hospital Operations and DMAT**  
**09 JUN 04, 0900 – 1700hrs**  
**40 Victims**  
**1030 hrs run 40 patients through US Field Hospital**  
**Lunch 1300 hrs.**  
**1500 hrs run 40 patients through Ukrainian Field Hospital**

Time	Exercise Play	Objectives	US Personnel	Ukraine Personnel	Logistics
	Receive Victims from Transport Vehicles		Civ Moulage (3) DMAT CA-11 (5) DMAT CA-1 (5) DMAT CA-2 (5) DMAT CA-4 (5) DMAT CA-6 (5) DMAT CA-11 (5) MilMat/PH (4) MilMat/Med T-1 (8) MilMat/Med T-2 (7) AELT (3)		
	Perform Secondary Triage				
	Move Victims to Field Hospital				
	Provide Treatment for Victims				
	Transfer Victims to Helicopter or Ground Ambulance for Transport				



**Scenario 8:**  
**AeroMedical Evacuation**  
**09 JUN 04, 1800hrs**  
**20 Victims**

Time	Exercise Play	Objectives	US Personnel	Ukraine Personnel	Logistics
	Transport Victims to REP (Lviv Airport)		DMAT CA-6 (5) DMAT CA-4 (5)		Transport Vehicles needed
	Receive Victims from Tranport Vehicles				
	Move victims to MASF Tent				
	Stabilize Victims		MASF (13) AELT (3)		
	Package for Transport				
	Move Victims to Aircraft				
	Aircraft Departure				
	Aircraft "Rearrival"				
	Demobilization				